

Field Notes of the Survey

of the Base Line from the S.E. corner of Township 1 N
 Range N° 32 East on Mc Kay Creek, East to the S.E. corner of
 Town 1 North R. 40 East in Grande Ronde Valley, Oregon, by
 Timothy W Durenforth, U.S. Deputy Surveyor under his contract
 N° 102 dated July 20th 1863.

South boundary, Town 1 N R 33 East.

thence	Commencing at the S.E. corner of Town N° 1 North R 32 East East on the South boundary of Sec 31 Town 1 N R 33 East. Aug 6 th 1863	
40.00	Set gr. Sec post. on ridge descending North made mound of earth, with charred stake as per instructions	30
54.50	Trail course N.E.	20
80.00	Set post corner to secs 31 & 32. made mound of Earth drove charred stake as per inst. Bar 20° 15' E, soil of this mile is a hard clay dust producing bunch grass.	30
East	On the South boundary of Sec 32. Bar 20° 15' E	
40.00	Set gr Sec post in mound of Earth with charred stake as per inst.	40
45.00	Commence descending	10
55.00	Bottom of hollow descending to McKay creek	150
80.00	About 2000 chs to the South. corner to Secs 32 & 33 Set post in mound of Rock with charred stake as per inst. on the side of ridge descending to McKay creek Bar 21° E Surface in ridges soil ash clay producing Bunch grass x	200
East	On the South boundary of Sec 33, Bar 21° E	
5.00	Commence to descend	
35.00	Bottom of Ravine descending to the South.	150
40.00	Set gr. Sec post. in mound of Earth as per inst. depositing charred stake etc. Aug 6 th 1863.	75
51.50	Top of ridge	125
58.00	Bottom of Hollow	75
80.00	Set post corner to Secs 33 & 34 in mound of Earth depositing charred stake as per inst. Bar 21° 10' E. Surface of this mile broken by sharp ridges Soil compact clay dust. fine bunch on last 1/2 mile & first half rocky.	150

Base Line Extension

On South Boundary of Town 1 N R 35 East.

Thence	East	On South boundary of Sec 36, $\text{Bar } 20^{\circ}45' \text{ E}$ Commence to Descend.	
	15.00		
	32.50	Bottom of Ravine + Dry Branch 10 lks wide runs North	600
	40.00	Set gr Sec post, on the side of ridge + from which a Pine 36 inch in dia bears $\text{S } 70^{\circ} \text{ E } 48 \text{ lks dist}$ Pine 14 inch in dia bears $\text{S } 35^{\circ} \text{ E } 112 \text{ lks dist}$ August - 9 th 1863.	400 ⁺
	47.00	Top of Table	200 ⁺
	80.00	Set post corner to Secs 31 + 36 Township 1 North Range 35 + 36 East, from which a Spruce 8 inch in dia bears $\text{N } 60^{\circ} \text{ E } 31 \text{ lks dist}$ a Pine 14 inch in dia bears $\text{N } 15^{\circ} \text{ W } 37 \text{ lks } "$ a Pine 12 inch in dia bears $\text{S } 50^{\circ} \text{ W } 33 \text{ lks } "$ $\text{Bar } 20^{\circ}30' \text{ E}$, Surface of last half mile slightly uneven, Soil and Timber as before.	

On South boundary of Town 1 N R 36 East.

Thence	East.	On South boundary of Sec 31, $\text{Bar } 20^{\circ}30' \text{ E}$	
	40.00	Set gr Sec post, from which a Hemlock 16 inch in dia bears $\text{N } 60^{\circ} \text{ W } 17 \text{ lks dist}$ a do 10 inch in dia bears $\text{N } 35^{\circ} \text{ E } 33 \text{ lks } "$	40
	80.00	Set post corner to Secs 31 + 32, from which a Red Fir 12 inch in dia bears $\text{N } 30^{\circ} \text{ E } 114 \text{ lks dist}$ a Red Fir 20 inch in dia bears $\text{N } 85^{\circ} \text{ W } 74 \text{ lks } "$ $\text{Bar } 18^{\circ}30' \text{ E } \times$ Surface broken by Knobs, Timber scattered	100 ⁺

"	East	On South boundary of Sec 32, $\text{Bar } 18^{\circ}30' \text{ E}$	
	38.00	Bottom of Slope	1200
	40.00	Set gr Sec post, on the ^{West} bank of a dry creek 50 lks wide, runs South, from which post a Red Fir 8 inch in dia bears $\text{S } 40^{\circ} \text{ W } 34 \text{ lks dist}$ a Red Fir 6 inch in dia bears $\text{N } 60^{\circ} \text{ E } 11 \text{ lks dist}$	
	59.00	Top of sharp ridge course N + S.	1200 ⁺
	80.00	Set post corner to Secs 32 + 33, from which a Pine 40 inch in dia bears $\text{N } 10^{\circ} \text{ E } 50 \text{ lks dist}$ a Pine 36 inch " " $\text{S } 45^{\circ} \text{ W } 150 \text{ lks } "$ $\text{Bar } 21^{\circ} \text{ East}$.	400

On South Boundary of Town 1 N R 36 East.

<p>thence 40.00 80.00</p>	<p>East On South boundary of Sec 33, Cor. 21° E Set gr sec post. on Bald Stony hill, made mound of rock Set post corner to Secs 33 & 34 from which a Pine 36 inch in dia bears N 60° E 386 lks dist a Pine 16 " " " N 53° W 330 " Cor 21° 10' East x</p>	<p>+ 15</p>
<p>East 40.00 80.00</p>	<p>On South boundary of Sec 34, Cor 21° 10' E Set gr sec post. from which a Hemlock 6 inch in dia bears N 10° E 5 lks dist a do 14 " " " N 20° W 10 lks Set post corner to Secs 34 & 35 made mound of Rock, on the East side of awful furrow in the mountain August 10th.</p>	<p>700 300</p>
<p>East 24.00 32.00 40.00 80.00</p>	<p>On South boundary of Sec 35, Cor unobtainable Bottom of slope, and intersect creek 75 lks wide, running North Leave bottom and commence to ascend. Set gr Sec post. on side of Gorge made mound of rock x Set post corner to Secs 35 & 36, on South side of Spur of mountain course West, made mound of rock, Cor 22° 30' East.</p>	<p>800 500 900</p>
<p>East 40.00 80.00</p>	<p>on South boundary of Sec 36, Cor 22° 30' E Set gr sec post. on top of table land in edge of Timber, from which post a Tamarack 6 inch in dia bears N 40° W 25 lks do 16 inch " " S 50° W 40 lks Set post corner to Secs 36 & 31 Township 1 North Range 36 & 37 East, from which a Hemlock 14 inch in dia bears N 10° E 46 lks dist " 12 " " " N 20° W 22 lks " 10 " " " S 35° W 26 lks Cor 21° 30' East. Surface flat, Timber thick and green.</p>	<p>+ 600 300</p>

List of Names

A List of the Names of individuals employed to assist in running, measuring, or marking the lines and corners, described in the foregoing field notes of the Survey of the Base Line from the S E corner of Township N^o 1 North Range 32 East; Willamette Meridian in the State of Oregon. East to the S E corner of Township N^o 1 North Range 40 East. Showing the respective capacities in which they acted.

W. B. Carey	} Chairman
Benj. F. Davenport	
Jos. W. Davenport	
Lloyd Pitman	
Sylvanus Symons.	

We hereby certify that we assisted Timothy W. Davenport deputy Surveyor, in surveying the above named Base Line and that said Base Line, has been in all respects to the best of our knowledge and belief, well and truly surveyed and the boundary monuments, planted according to the instructions furnished by the Surveyor General.

W. B. Carey	} Chairman
Benj. F. Davenport	
Jos. W. Davenport	
Lloyd Pitman	
Sylvanus Symons.	

Subscribed and sworn to by the above named persons. before me, a Justice of the Peace in and for the County of Marion in the State of Oregon. this seventeenth day of December 1863.

William Russell Justice of the Peace

I Timothy W Davenport, deputy Surveyor, do solemnly swear that, in pursuance of a Contract with Reynou J. Perzra. Surveyor General of the public lands of the United States in the State of Oregon, bearing date July 20th 1863, and in conformity to the laws of the United States and the instructions furnished by the said Surveyor General, I have faithfully surveyed the Base Line extending East from the S.E. Corner of Township N^o 1 North Range 32 East, to the S.E. corner of Township N^o 1 North Range 40 East, in the aforesaid State, and do further solemnly swear that the foregoing are the true and original field notes of such survey.

Timothy W Davenport.
Deputy Surveyor.

Subscribed by said Timothy W Davenport, Deputy Surveyor, and sworn to before me, a Justice of the Peace for the County of Marion and State of Oregon, this seventeenth day of December 1863.

William Russell Justice of the Peace.

I, Timothy M. Davenport, Deputy Surveyor, do solemnly swear that, in pursuance of a contract with B. P. Pengra, Surveyor General of the Public Lands, in the State of Oregon, bearing date July 20th 1863, and in conformity to the Laws of the United States and the instructions furnished by the said Surveyor General, I have faithfully surveyed the Guide Meridian extending North & South of the Base Line, between Ranges 39 & 40 East, from the North boundary of Township 1. North, to the South boundary of Township 10 South through Grand Rond, and Powder River valleys, in the State of Oregon, and also the First and Second Standard Parallels South of Base Line, starting from said Guide Meridian, and do further solemnly swear that the foregoing are the true and original field notes of such survey.

Timothy M. Davenport,

Deputy Surveyor

Witness my hand and subscribed by said Timothy M. Davenport, Deputy Surveyor, at my office in Eugene Oregon, this 10th day of August, 1864

B. P. Pengra

Sur. Gen. of Oregon

I, Timothy M. Davenport, Dept. Sur. further solemnly swear, that the Township corner posts, referred in the notes are not less than 4 feet long, 2 feet in the ground, by 5 inches in diameter, 2 feet above the ground, by 4 inches square; and that the section corner posts referred to in the notes are not less than four feet long, 2 feet in the ground, by 4 inches diameter, 2 feet above the ground, by 3 inches square, and the 1/4 stakes of the same length in the ground, and the same height above it, by 3 inches in width, that the mounds and corner stones have been constructed of not less size and dimensions than prescribed in the Manual; and that all the Meets and Bounds have been marked and conditioned, in every respect as required in the Surveying instructions at pages 2 to 11 inclusive, and that they are calculated to endure the ordinary natural deterioration.

I hereby certify that I assisted Timothy W. Dorris
 deputy Surveyor, in surveying the Base Line from the
 S E corner of Township N^o ~~one~~ North Range 39 East
 to the S E corner of Township N^o 1 North Range 40 East.
 Willamette Meridian, and that said Base Line has been
 in all respects, to the best of our knowledge and belief
 well and truly surveyed and the boundary monuments
 planted according to the instructions furnished by the
 Surveyor General.

Sylvanus Symons

American

Subscribed and sworn to before me above named
 person, before me a Justice of the Peace for the
 County of Clatsop in the State of Oregon, this
 6th day of January 1864

William Russell
 Justice of the Peace.

W. Russell

Sworn to and subscribed before me at my office
 at Eugene City Oregon this 11th day of January 1864
 Timothy W Davenport
 Deputy Surveyor

Sworn and subscribed to before
 me at my office at Eugene City this
 11th day of January 1864
 W. J. Penzance
 Surveyor General
 of Oregon

Base line through

Surveyor General's Office
 Eugene City Oregon Jan. 12th 1864

The foregoing field notes of the Survey of the
 Guide Meridian between Ranges ^{33, 34, 35, 36, 37, 38} 39 & 40, East of
 the Willamette Meridian, and of the 1st 2^d Stand
 and Parallel, South of the Base Line, in Grand
 Road and Powder River Valleys executed by
 Timothy W. Davenport, Deputy Surveyor, under
 his Contract No. 102, of the 20th of July 1863,
 having been critically examined, the necessary
 corrections and explanations made, the said
 field notes and the Surveys they describe are
 hereby approved.

W. J. Penzance
 Surveyor General of Oregon.